

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S51 | 3 | ("5670223").URPN. | USPAT | OR | OFF | 2006/06/30 16:53 |
| S52 | 1455 | 174/135.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:06 |
| S53 | 683 | 428/134.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:07 |
| S54 | 44 | S53 and ribbon\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:08 |
| S55 | 1858 | 428/43.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:55 |
| S56 | 1037 | 428/137,136,135,131,134.ccls. and (ribbon\$1 or tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:02 |
| S57 | 4 | 428/137,136,135,131,134.ccls. and (cold with shrink\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:56 |
| S58 | 87 | ribbon\$1 and (cold with shrink\$4) and (tube\$1 or tubular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 17:57 |
| S59 | 210851 | groove\$1 with (perforation\$1 or hole\$1 or aperture\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:03 |
| S60 | 22161 | S59 and (ribbon\$1 or tape\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:03 |

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| S61 | 5975 | S60 and tube\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:04 |
| S62 | 297 | S61 and (weakness or weakened) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:12 |
| S63 | 698 | 174/135.ccls. and (hole\$1 or perforation\$1 or aperture\$1 or groove\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:13 |
| S64 | 225 | S63 and (separate or weakness or weakened) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:13 |
| S65 | 256 | S63 and (separate or weakness or weakened or separation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:15 |
| S66 | 198 | 428/37.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:21 |
| S67 | 44 | 428/34.9,34.1.ccls. and 428/131,135,136,137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:22 |
| S68 | 46 | 428/34.9,34.1.ccls. and 428/131,134,135,136,137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:23 |
| S69 | 75 | 428/34.9,34.1.ccls. and 428/43,131,134,135,136,137.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:24 |
| S70 | 672 | 428/34.9.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:26 |

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| S71 | 47 | S70 and (helical or helically) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:25 |
| S72 | 47 | 428/34.9.ccls. and (groove\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:27 |
| S73 | 7 | ("3515798" "4135553" "4338970" "4389440" "4410009" "4503105"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/30 18:31 |
| S74 | 16 | ("4871599").URPN. | USPAT | OR | OFF | 2006/06/30 18:40 |
| S75 | 873 | 138/122.ccls. | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:40 |
| S76 | 117 | S75 and (aperture\$1 or hole\$1 or perforation\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:46 |
| S77 | 45327 | (tube\$1 or tubing) and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:47 |
| S78 | 1372 | (tube\$1 or tubing) and (helical or helically) and ((perforation\$1 or aperture\$1 or hole\$1) with (diamond\$1 or square\$1)) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:51 |
| S79 | 19 | S78 and ("138"/\$.ccls.) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:50 |
| S80 | 26 | S78 and ("428"/\$.ccls.) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:50 |
| S81 | 1 | 428/34.1,34.9.ccls. and (helical or helically) and ((perforation\$1 or aperture\$1 or hole\$1) with (diamond\$1 or square\$1)) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:52 |
| S82 | 31 | 428/34.1,34.9.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:53 |

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| S83 | 1475 | "174"/\$.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:53 |
| S84 | 915 | "174"/\$.ccls. and (helical or helically) and (perforation\$1 or aperture\$1 or hole\$1) and (tube\$1 or tubular or tubing) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 18:58 |
| S85 | 471 | 428/134,135,136,137.ccls. and (tube\$1 or tubular or tubing or pipe\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:10 |
| S86 | 46 | 428/34.1.ccls. and (helical or helically) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:12 |
| S87 | 22 | 428/43.ccls. and (helical or helically) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:14 |
| S88 | 203 | 428/43.ccls. and (tube\$1 or tubular or tubing) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:35 |
| S89 | 4 | ("6007886").URPN. | USPAT | OR | OFF | 2006/06/30 19:33 |
| S90 | 819 | 428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:35 |
| S91 | 33 | 428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1) and (helical or helically) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:37 |
| S92 | 174 | 428/167,172.ccls. and (hole\$1 or perforation\$1 or aperture\$1) and (tube\$1 or tubular or tubing) | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:39 |
| S93 | 245 | 428/167,172.ccls. and 428/131,134, 135,136,137.ccls. | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/30 19:41 |
| S94 | 7 | ("3946143" "4016356" "4816326" "4857370" "4929477" "4952438" "5029241").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/30 19:43 |
| S95 | 2 | ("5180621").URPN. | USPAT | OR | OFF | 2006/06/30 19:44 |